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50X1-HUM

The mine has three mine faces in operation, one on the western side -- the third western -- and two on the eastern side -- the third eastern and the third-bis eastern. These mine faces are 70 meters, 120 meters, and 100 meters long respectively.

The GKM-5 mining combine of the Makarov system operating at each face removes the entire thickness of the seam. The machine consists of two cutting units, a lower one and an upper one. The lower cutting unit is constructed on the base of a KMP-1 heavy cutting machine and is provided with a curved cutting bar and a cutting bar with toothed disks attached to it. The upper unit is constructed on the base of a GTK-3m cutting machine. It has two bars, the lower one upright, the upper one upside down and bent at an angle of 65 degrees. In addition, it is provided with a curved cutting bar and a cutting machine with toothed disks attached to it.

A combine brigade consists of six men: the operator, his two helpers, two men to carry out mine propping, and an electrician. The daily productivity of a combine amounts to 200-230 tons.

The new SKR reverse scraper conveyer is employed at the third western face, ST-11 conveyers at the other faces. Haulage along the drifts is by electric locomotive.

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